

Experimental investigation of...

31004
S/056/62/042/001/021/048
B104/B102

with a cloud chamber in a magnetic field. Of these, 52 were discarded because the resulting particles escaped at nearly 90° , or because the background was too intense. The events were analyzed using the following kinematic criteria of two-particle decay: (a) coplanarity of secondary particles with the direction of the decayed K_2^0 -meson: $\varphi_+ - \varphi_- + 180^\circ$; (b) balance of transverse components of the momenta of decayed particles; (c) agreement between the measured momenta of secondary particles and their angle of emission. Among the K_2^0 -decays, no decay into two charged pions was detected. This result evidences that the CP invariance is applicable. The equality between the probabilities of lepton K_2^0 -decays with emission of π^+ and π^- mesons does not contradict this hypothesis. Previous data indicating the probability of $K_2^0 \rightarrow \mu\pi$ decays also agree with the authors' results. Among the 597 K_2^0 -decays, no decay into two charged leptons (μ or e) was detected. L. I. Zinov'yev, head of the proton-synchrotron team, Chief Engineer N. I. Pavlov, section chief K. P. Myznikov, and the operators S. V. Fedukov, I. N. Yalovyy, Ye. N. Kulakova, L. Popinenkova are

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Experimental investigation of...

thanked for the synchrotron experiments, B. M. Pontekorvo for his interest, V. I. Veksler and V. P. Dzhelepov for cooperation, and P. I. Zhabin, V. A. Smirnov, L. Pilatova, and N. Kurilina for help in the measurements. There are 1 table and 10 references: 3 Soviet and 7 non-Soviet. The four most recent references to English-language publications read as follows: M. Bardou, K. Lande, L. Lederman. Ann. of Phys., 5, 156, 1958; F. Muller, O. Piccioni et al., Phys. Rev. Lett., 4, 418, 1960; D. Neagu, E. O. Okonov, N. J. Petrov, A. M. Rosanova, V. A. Rusakov. Phys. Rev. Lett., 6, 552, 1961; T. Lee, C. Yang. Phys. Rev., 119, 1410, 1960.

ASSOCIATION: Ob"yedinennyy institut yadernykh issledovaniy (Joint Institute of Nuclear Research) ✓

SUBMITTED: September 2, 1961

Card 3/3

S/056/62/042/002/021/055
B108/B104

Production of hyperons in lead...

of the hyperon generation mechanism it is shown that absorption of K_2^0 mesons by two nuclei does not predominate. The ratio of the $K_2^0 \rightarrow K_1^0$ regeneration and hyperon production cross sections is considerably less than unity (about $5 \cdot 10^{-2}$). The authors thank B. M. Pontekorvo, V. P. Dzhelepov, V. I. Veksler, M. I. Podgoretskiy, and M. Anikina for help and discussions. There are 1 figure, 2 tables, and 8 references: 1 Soviet and 7 non-Soviet. The four most recent references to English-language publications read as follows: F. S. Crawford et al. Phys. Rev. Lett., 2, 361, 1959; O. Dahl et al. Proc. 1960 Ann. Intern. Conf. on High-Energy Physics at Rochester, Publ. Univ. Rochester, 1961, p. 414; Nripendra N. Biswas. Phys. Rev., 118, 866, 1960; R. H. Dalitz, S. F. Tuan. Phys. Rev. Lett., 2, 425, 1959.

ASSOCIATION: Ob"yedinennyy institut yadernykh issledovaniy (Joint Institute of Nuclear Research)

SUBMITTED: September 26, 1961

Card 2/2

AFANAS'YEV, V.P.; GOLOVINA, V.A.; KOMOCHKOV, M.M.; MEKHEDOV, V.N.;
OGANESYAN, K.O.; ROZHKOV, V.Ye. [deceased]; ROZANOVA, A.M.

Dosimetric check. Med. rad. 5 no.1:6-12 Ja '60. (MIRA 15:3)
(RADIATION--DOSAGE)

KITAYGORODSKAYA, O.D., professor; EUFER, S.G.; BOSIK, R.N.; GEL'MAN, A.S.;
ROZANOVA, A.M.; KRENDL', A.S.

Use of diathermia in the compound therapy of pneumonia in children.
Pediatria 39 no.1:74-75 Ja-F '56. (MLR4 10:1)

(PNEUMONIA, ther.
diathermy, in child.)
(DIATHERMY, in various dis.
pneumonia in child.)

ROZANOVA, A.N., inzh.

Standard designs of transformer substations with unified series.
Energetik 14 no.1:6-9 Ja '66. (MIRA 19:1)

ROZANOVA, B.

"Fighting the corrosion of combustion engines and gas turbines".
Reviewed by B. Rozanova: Chem prum 12 no.11:623 N '62.

ROZANOVA, B.

"Principles of Technology of Petroleum Synthesis" by A. I. Dincas and
L. A. Potolovsky. Reviewed by B. Rozanova. Chem prum 11 no.11:597
N '61.

SUVOROV, I.F.; SOROKIN, I.S., red.; ROZANOVA, G.K., red.; TITOVA, L.L.,
tekhn.red.

[Textbook of higher mathematics for engineering schools] Kurs
vysshei matematiki dlia tekhnikumov. Izd.5. Moskva, Gos.izd-vo
"Vysshiaia shkola," 1960. 351 p. (MIRA 13:9)
(Mathematics--Textbooks)

MINDLIN, D.N.; MOSICHEV, S.V.; ROZANOV, Yu.N.

Over-all modernization of a turret lathe. Med.prom. 14 no.1:51-52
Ja '60. (MIRA 13:5)

1. Mediko-instrumental'nyy zavod "Krasnogvardeyets."
(LATHES)

GLAZUNOV, A.A.; GLAZUNOV, A.A.; ROZANOVA, G.M.

Remarks on A.A.Glazunov, A.A.Glazunov, and G.M.Rozanov's article
"Economically practical relationship between cross sections of aluminum
and steel in steel-aluminum conductors." By the authors of the article.
Elektrichestvo no.4:75-76 Ap '54. (MLRA 7:5)
(Electric wire)

ROZANOVA, G. N.

USSR/Medicine - Infectious Diseases Nov 51

"Classification of Clinical Forms of Tularemia,"
G. N. Rozanova, Cand Med Sci, I. L. Murovanyy,
Main Sanitation-Antiepidemic Adm, Min of Pub
Health USSR

"Sov Med" Vol XV, No 11, pp 16-18

The US classification is purely empirical and does not reflect the multiplicity of clinical expressions of tularemia. Although Khateneyer, Gayakly, Bilbin, Berinskaya, Rudnev, Gromashevskiy, and other USSR workers have done valuable work on this disease, their systems of classification are inadequate. In 1950 the Min of Pub Health USSR,

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USSR/Medicine - Infectious Diseases Nov 51
(Contd 1)

accepted the following classification according to localization: (A) tularemia with externally visible affections comprising (1) bubonic (occupational infection without skin injury), (2) ulcerous-bubonic (transmission through skin), (3) ocular (or ocular-bubonic: infection through eye), (4) anginous-bubonic (alimentary infection), (5) other forms; (B) tularemia affecting internal organs, comprising (1) respiratory (infection by inhalation), (2) gastrointestinal (bubos at site of infection in gastrointestinal tract), (3) others. According to durations, there are the

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ROZANOVA, G. N.

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USSR/Medicine - Infectious Diseases
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following forms: (1) acute (begins suddenly, continues for 2-3 mos), (2) chronic or protracted (continues for 1 yr with typical symptoms during that time), (3) relapsing (relapses 1-2 yrs after apparent recovery).

204T53

ROZANOVA, G. N., Docent

Contagion and Contagious Diseases

"Zoonosis." G. P. Rudnev. Reviewed by Docent G. N. Rozanova. Klin. med., 30, No. 6, 1952

Monthly List of Russian Accessions, Library of Congress, October 1952. Unclassified.

ROZANOV, B.G.; ROZANOVA, I.M.

Soils of the arid tripeal monsoon zone of Burma. Pochvovedenie
no.3:73-82 Mr '62. (MIRA 15:7)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.
(Burma—Soils)

ROZANOV, B.G.; ROZANOVA, I.M.

Soils of the humid, tropical monsoon zone of Burma. Pochvovedenie
no.12:75-84 D '61. (MIRA 16:8)

1. Moskovskiy gosudarstvennyy universitet im. Lomonosova.
(Burma—Soils)

ROZANOV, B.G.; ROZANOVA, I.A.

Soils of the mountainous subtropics and the alpine regions
of Burma. Vest. Mosk. un. Ser. 6: Biol. pochv. 13 no.3:71-78
My-Je'63 (MIRA 17:7)

1. Kafedra pochvovedeniya Moskovskogo universiteta.

ROZANOV, B.G.; ROZANOVA, I.M.

Biological cycle of bamboo (*Bambusa* spp.) nutrients in the
tropical forests of Burma. Bot. zhur. 49 no.3:348-357
Mr '64. (MIRA 17:3)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

ROZANOVA, I. M. -- "Changes in the Leached-Out Chernozems under the influence of Hardwood and Softwood Plantations (Based on Investigations on the Mokhov Leskhoz in Orlov Oblast)." Institute of Forestry. Academy of Science USSR. Moscow, 1955. (DISSERTATION FOR THE DEGREE OF CANDIDATE IN AGRICULTURAL SCIENCES.)

So; Knizhaya Letopis' No 3, 1956

ROZANOVA, IU. M.

"Synthesis of aminosulfones. IV. Preparation of 4-nitrophenyl-6'-(2'-ami-no-4'-methyl-primidyl)-sulfide and several of its derivatives".
Fel'dman, I. KH., Merlis, V. M. and Rozanova, IU. M. (p. 1683)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1949, Vol. 19, No. 9

G. VASIL, L. V., 2011-10-10, track RCPSS: EOLANOV, L. H., track

application of prostheses following multiple amputations of
the extremities. Prosta. i protsestr. no. 10/196-1/2 '84.

(MIR: 18117)

i. Venerab'nyy nauchno-issledovatel'skiy Institut protsedurovaniya
i protsedurovaniya.

TAREYEVA, I.Ye.; PRISS, I.S.; ROZANOVA, L.B.; ARBENINA, N.S.; ROZENBLAT,
V.M.; POD'YAGEL', M.I.

Outcome of Botkin's disease. Vop.med.virus. no.9:254-259 '64.
(MIRA 18:4)

1. Iz laboratorii deystvitel'nogo chlena AMN SSSR prof. B.M.
Tarayeva.

IZRAIL'SKIY, V.P.; RYZHKOVA, A.S.; ROZANOVA, L.I.

Effect of gibberellic acid on kidney beans treated with
nitrogen. Trudy Inst. mikrobiol. no.11:327-33: '61
(MIRA 16:11)

1. Moskovskoye otdeleniye Vsesoyuznogo nauchno-issledova-
tel'skogo instituta sel'skokhozyaystvennoy mikrobiologii.

L 64158-65

ACCESSION NR: AP5019176

UR/0337/65/000/007/0071/0072

621.798.1

AUTHOR: Skachkov, V. P.; Rozanova, L. K.

TITLE: The use of unified packaging - an important production reserve

SOURCE: Rybnoye khozyaystvo, no. 7, 1965, 71-72

TOPIC TAGS: packaging standardization, fish production, fish packaging

ABSTRACT: After emphasizing the need for uniform packaging, the authors describe how all the fish products of the Azov-Black Sea basin could (with the existing equipment) be packaged into six box sizes instead of the present nine, how an appropriate box choice can save on space in freezing and other equipment, how large the diversity between the packaging habit of (geographically) various enterprises is, and how the GKA-2 freezing units designed by VNIKhI produce blocks which would not fit into any of the standardized box sizes.

ASSOCIATION: AzcherNIRO

SUBMITTED: 00

ENCL: 00

SUB CODE: GO

NO REF SOV: 000

OTHER: 000

Card 1/1 *m/l*

SHERMAN, S.I., prof.; KUZ'MIN, D.S., dotsent.; ROZANOVA, L.M.; KISELEVA, A.N.;
POVERGO, N.S.; VAKULENKO, A.D.

Comparative evaluation of the effectiveness of certain therapy methods in
chronic leukemia; x rays, radioactive phosphorus, urethan, embichine,
arsenic, and myleran. Reports: No.2, 3. [with summary (MIRA 11:5)
in English, pp. 62-63]

1. Iz Leningradskogo ordena Trudovogo Krasnogo Znameni nauchno-
issledovatel'skogo instituta perelivaniya krovi (dir.-dotsent A.D.
Belyakov, nauchnyy rukovoditel'-chlen-korrespondent AMN SSSR prof.
A.N. Filatov).

(LEUKEMIA, therapy,
comparison of various methods (Rus)

ROZANOVA, L. M.
SHERMAN, S.I., professor; KUZ'MIN, D.S., dotsent; ROZANOVA, L.M.; KISELEVA,
A.N.; POVERGO, N.S.; VAKULENKO, A.D.

Comparative evaluation of the effectiveness of various methods of
treating chronic leucosis. Report No.1: Treatment of chronic leucosis
by X rays [with summary in English, p. 64] Probl. gemat. i perel. krovi
2 no.1:28-32 Ja-F '57 (MIRA 10:4)

1. Iz gematologicheskoy kliniki (zav.-prof. S.I. Sherman)
Leningradskogo ordena Trudovogo Krasnogo Znameni nauchno-
issledovatel'skogo instituta perelivaniia krovi (dir.-dotsent
A.D. Belyakov; nauchnyy rukovoditel'-chlen-korrespondent AMN SSSR
prof. A.N. Filatov)

(LEUKEMIA, ther.
radiother. of chronic leukemia)
(RADIOTHERAPY, in various dis.
leukemia, chronic)

ROZANOVA, L. M., Cand Med Sci (diss) -- "The use of radioactive phosphorus to treat patients with essential polycythemia (Clinical course, and marrow hematopoiesis)". Leningrad, 1959. 20 pp (Central Sci Res Inst of Med Radiology of the Min Health USSR), 240 copies (KL, No 9, 1960, 129)

RAFAL'SON, D.I.; VEYKHER, Z.F.; ROZANOVA, L.M.; NIKOLAYEVA, I.K.;
KOTOCSECHIKOVA, M.A.; IVANOVA, N.M.

Effect of taking small and moderate doses of bone marrow on
the body of the donor. Report No.1: Effect of taking bone
marrow on hemopoiesis. Probl. gemat. i perel. krovi no.10:
29-35 '63 (MIRA 18:1)

1. Iz Leningradskogo ordena Trudovogo Krasnogo Znameni nauchno-
issledovatel'skogo instituta perelivaniya krovi (dir. dotsent
A.D. Belyakov).

SHERMAN, S.I., prof.; KUZ'MIN, D.S., dots.; ROZANOVA, L.M.; KISELEVA, A.N.;
POVERGO, N.S.; VAKULENKO, A.D.

Comparative evaluation of the effectiveness of certain therapeutic
methods in chronic leukemias; roentgen rays, radioactive phosphorus,
urethan, embichin, arsenic, myleran. Report No.4 [with summary in
English, p.61]. Probl.gemat. i perel.krovi 4 no.1:17-20 Ja-F '59.
(MIRA 12:2)

1. Iz gematologicheskoy kliniki (zav. - prof. S.I. Sherman) Lenin-
gradskogo ordena Trudovogo Kraasnogo Znameni nauchno-issledovatel'-
skogo instituta perelivaniya krovi (dir. - dots. A.L. Belyakov,
nauchnyy rukovoditel' - chlen-korrespondent AMN SSSR prof. A.N. Fi-
latov).

(LEUKEMIA, therapy,
comparison of various radiol. & chem.
methods (Rus))

SHERMAN, S.I., prof.; ROZANOVA, L.M.

Interrelation between polycythemia vera and chronic myelosis.
Terap.arkh. 34 no.3:99-104 '62. (MIRA 15:3)

1. Iz gematologicheskoy kliniki (zav. - prof. S.I. Sherman) Leningradskogo nauchno-issledovatel'skogo instituta perelivaniya krvi (dir. - dotsent A.D. Belyakov, nauchnyy rukovoditel' - chlen-korrespondent AMN SSSR prof. A.N. Filatov).
(ERYTHREMIA) (MARROW---TUMORS)

ROZANOVA, L.M., nauchnyy sotrudnik

Clinical course and bone marrow hemopoiesis in patients with polycythemia in connection with radioactive phosphorus treatment. Akt. vop.perel.krovi no.6:164-172 '58. (MIRA 13:1)

1. Gematologicheskaya klinika (zav. klinikoy - prof. S.I. Sherman)
Leningradskogo instituta perelivaniya krovi.
(PHOSPHORUS--ISOTOPES) (HEMOPOIETIC SYSTEM) (ERYTHREMIA)

ROZANOVA, L.M., nauchnyy sotrudnik

Late results of the treatment of true polycythemia with radioactive
phosphorus. Akt.vop.perel.krovi no.6:172-176 '58. (MIRA 13:1)

1. Gematologicheskaya klinika (zav. - prof. S.I. Sherman) Leningrad-
skogo instituta perelivaniya krovi.
(PHOSPHORUS--ISOTOPES) (ERYTHREMIA)

SHERMAN, S.I., prof.; KUZ'MIN, D.S., dotsent; ROZANOVA, L.M.; KISELEVA, A.N.:
POVERGO, N.S.; VAKULENKO, A.D.

Comparative evaluation of the effectiveness of certain therapeutic
methods in chronic leukemias; roentgen rays, radioactive phosphorus,
urethane, embichine, arsenic, myleran. Report No.5: Probl. gemat. i
perel. krovi 4 no.5:14-18 My '59. (MIRA 12:7)

1. Iz gematologicheskoy kliniki (zav. - prof. S.I. Sherman) Leningrad-
skogo ordena Trudovogo Krasnogo Znameni nauchno-issledovatel'skogo in-
stituta perelivaniya krovi (dir. - dotsent A.D. Belyakov, nauchnyy
rukovoditel' - chlen-korrespondent AMN SSSR prof. A.I. Filatov).
(LEUKEMIA, therapy,
comparison of various methods (Rus))

KUZ'MIN, D.S., starshiy nauchnyy sotrudnik; ROZANOVA, L.M., nauchnyy sotrudnik;
Povergo, N.S., nauchnyy sotrudnik

Comparative evaluation of various methods of radiation action on
hemopoiesis in leukemias. Akt.vop.perel.krovi no.4:195-197 '55.
(MIRA 13:1)

1. Rentgenologicheskoye otdeleniye i gematologicheskaya klinika Lenin-
gradskogo instituta perelivaniya krovi.
(LEUKEMIA) (X RAYS--PHYSIOLOGICAL EFFECT)

ROZANOVA, L.M.; BARSKIY, I.Ya.; BRUMBERG, Ye.M.

Ultraviolet fluorescence of the blood cells in people with leukemia. Dokl. AN SSSR 150 no.4:907-908 Je '63.

(MIRA 16:6)

1. Leningradskiy nauchno-issledovatel'skiy institut perelivaniya krovi. Predstavleno akademikom A.I. Oparinym.

(LEUKEMIA) (BLOOD CELLS) (MARROW)

ACCESSION NR: AP4012731

S/0218/64/029/001/0022/0029

AUTHOR: Luganova, I. S.; Rozanova, L. M.; Seyts, I. F.

TITLE: Respiration, glycolysis, and glycogen synthesis in human bone marrow

SOURCE: Biokhimiya, v. 29, no. 1, 1964, 22-29

TOPIC TAGS: bone marrow cell, respiration, glycolysis, glycogen synthesis, enzyme activity, bone marrow acetone powder, Pasteur reaction reversed, hexokinase, phosphoglucomutase, uridine diphosphate glucose

ABSTRACT: Bone marrow cells (myelocaryocytes) were isolated from the bone marrow of healthy donors by fractional centrifuging to investigate respiration, glycolysis, glycogen synthesis, and the activity of certain enzyme systems. Respiration was measured by manometer and glycolysis was determined calorimetrically with n-oxyphenol. Glycogen was separated according to Good's method and then determined by the glucose with a thymol-sulfur reagent. Glycogen metabolism was determined using radioactive C14-glucose. Protein level was found by biuret reaction. Acetone powder extracts of bone marrow cells were

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ACCESSION NR: APL4012731

used to find enzyme activity. Findings show that respiration and glycolysis in bone marrow cells are lower than in leucocytes. Respiration of bone marrow cells is higher in a medium without glucose. Glucose reduces O_2 consumption of bone marrow cells by 10-15%, which is a reversed Pasteur reaction. In this respect bone marrow cells are related to leucocytes and thrombocytes which also display this type of reaction. The glycogen content of bone marrow cells constitutes approximately 1.7% of their dry weight. Glycogen metabolism of bone marrow cells is 2-3 times higher than that of leucocytes. Active enzymes found in the acetone powder extracts are: hexokinase, phosphoglucosmutase, uridine diphosphate glucose-glycogen synthetase, and also glucose-6-phosphate-dehydrogenase. Possible synthesis of C^{14} -glycogen from C^{14} -glucose is demonstrated in acetone powder extracts of bone marrow cells. This synthesis is dependent on the presence of uridine triphosphate and the activity of uridine phosphate glucose pyrophosphorylase. Also demonstrated is the direct transfer of C^{14} -glucose particles from uridine diphosphate glucose- C^{14} to glycogen in the bone marrow cell extracts. Orig. art. has: 4 tables.

Card 2/3

ACCESSION NR: AP4012731

ASSOCIATION: Laboratoriya biokhimii i gematologicheskaya klinika
instituta perelivaniya krovi, Leningrad (Biochemistry Laboratory and
Hematological Clinic, Blood Transfusion Institute)

SUBMITTED: 11Feb63

DATE ACQ: 03Mar64

ENCL: 00

SUB CODE: AM

NO REF SOV: 011

OTHER: 007

Card 3/3

KALINICHEVA, V.I.; ROZANOVA, L.M.; RAFAL'SON, D.I.; NIKOLAYEVA, L.K.

Transplantation of bone marrow in the treatment of acute leukemias
in children. Probl. gemat i perel. krovi 6 no. 2:26-30 '61.

(MIRA 14:2)

(MARROW—TRANSPLANTATION) (LEUKEMIA)

BEYER, V.A.; KLIMOVA, K.N.; KRUTOVERTSEV, A.I.; RABINOVICH, S.I.; ROZANOVA, L.M.

Influence of antipertussoid and antistreptococcal immunization on the
body of donors. Akt.vop.persl.krovi no.4:34-36 '55. (MIRA 13:1)
(WHOOPING COUGH--PREVENTIVE INOCULATION)
(STREPTOCOCCAL INFECTIONS--PREVENTIVE INOCULATION)
(BLOOD DONORS)

KOTOVSHCHIKOVA, M.A.; NIKOLAYEVA, L.K.; IVANOVA, N.M.; RAFAL'SON, D.I.;
VEYKHER, Z.F.; ROZANOVA, L.M.

Effect of taking small and moderate doses of bone marrow on the
body of the donor. Report No.2: Effect of taking bone marrow on
some factors of the blood coagulation system and natural immunity.
Probl. gemat. i perel. krovi no.10:35-40 '63 (MIRA 18:1)

1. Iz Leningradskogo nauchno-issledovatel'skogo ordena Trudovogo
Krasnogo Znameni instituta perelivaniya krovi (dir.- dotsent
A.D. Belyakov, nauchnyy rukovoditel' - chlen-korrespondent AMN
SSSR prof. A.N. Filatov).

LUGANOVA, I.S.; ROZANOVA, L.M.; SEYTS, I.F.

Respiration, glycolysis and glycogen synthesis in human
bone marrow. Biokhimiia 29 no. 1:22-29 Ja-F '64. (MIRA 18:12)

1. Laboratoriya biokhimii i Gematologicheskaya klinika
Instituta perelivaniya krovi, Leningrad. Submitted Feb. 11,
1963.

KUZ'MIN, D.S., dotsent; ROZANOVA, L.M., nauchnyy sotrudnik; POVERGO,
N.S., nauchnyy sotrudnik

[Experience in treating chronic leucoses (roentgenotherapy and
roentgenochemotherapy) Vest.rent. 1 rad. no.5:43-47 S-O '55.

(MLRA 9:1)

1. Iz rentgenologicheskogo otdeleniya (zav.--dotsent D.S.Kuz'min)
i gematologicheskoy kliniki (zav.--prof. S.I.Sherman) Leningradskogo
ordena Trudovogo Krasnogo znameni nauchno-issledovatel'skogo
instituta perelivaniya krovi. (dir.--dotsent A.D.Belyakov,
nauchnyy rukovoditel'--chlen-korrespondent AMN SSSR prof.A.N.Filatov)

(LEUKEMIA

leukosis, chronic, ther., x-ray & blood transfusion)

(X-RAYS, ther. use

leukosis, chronic, with blood transfusion)

(BLOOD TRANSFUSION, ther. use

leukosis, chronic, with x-rays)

"Comparative Evaluation of the Effectiveness of Certain Methods for the Therapy of Chronic Leukosis Report 1: Therapy of Chronic Leukosis by X Rays," by Prof S. I. Sherman, Docent D. S. Kuz'min, L. M. Rozanova, A. N. Kiseleva, N. S. Fovergo, and A. D. Vakulenko (Reported at the expanded plenum of the Central Order of Lenin Institute of Hematology and Blood Transfusion on 15 Dec 1954 and at the Conference of the Leningrad Department of the All-Union Therapeutic Society imeni S. P. Botkin on 15 Nov 1955), Problemy Gematologii i Perelivaniya Krovi, Vol 2, No 1, Jan/Feb 57, pp 28-32

Experimental results classified into two tables showing the response of myelosis and lymphadenosis indicate that prolonged fractional irradiation of patients suffering from chronic leukosis with small doses of X rays (100 r) in combination with transfusion of concentrated suspensions of erythrocytes is the most expedient and effective method. This method gives good therapeutic effects without complications such as symptoms of radiation sickness.

Sum. 1303

SHERMAN, S.I., prof.; KUZ'MIN, D.S., dotsent; ROZANOVA, L.M.; POVERGO, N.S.

Treatment of patients with chronic myelosis with myelosan in
association with roentgen rays. Terap.arkh. 32 no.9:32-36 '60.
(MIRA 14:1)

1. Iz gematologicheskoy kliniki (zav. - prof. S.I. Sherman)
Leningradskogo ordena Trudovogo Krasnogo Znameni nauchno-
issledovatel'skogo instituta perelivaniya krovi (nauchnyy ru-
kovoditel' - chlen-korrespondent AMN SSSR prof. A.N. Filatov).
(BUSULFAM) (LEUKEMIA)

ROZANOVA, L.N.

Dissolution of germanium in ammonia solutions of hydrogen
peroxide. Zhur. prikl. khim. 38 no. 10:2334-2337 0 '65.
(MIRA 18:12)

1. Tomskiy gosudarstvennyy universitet imeni V.V.Kuybysheva.
Submitted Sept. 28, 1963.

L 64297-65 EMT(m)/EPF(c)/ETP(t)/ENP(b) LIP(c) JD/GS
 UR/0000/64/000/000/0113/0121
 ACCESSION NR: AT5020456

AUTHOR: Rozanova, L. N.; Katayev, G. A. /

TITLE: Dissolution of germanium in acid solutions of hydrogen peroxide 27,55

SOURCE: 55 Mezhvuzovskaya nauchno-tekhnicheskaya konferentsiya po fizike poluprovodnikov (poverkhnostnyye i kontaktnyye yavleniya). Tomsk, 1962. Poverkhnostnyye i kontaktnyye yavleniya v poluprovodnikakh (Surface and contact phenomena in semiconductors). Tomsk, Izd-vo Tomskogo univ., 1964, 113-121

TOPIC TAGS: germanium, semiconductor research, single crystal, hydrogen peroxide

ABSTRACT: The authors study the effect of acids on the dissolution of germanium in hydrogen peroxide. Single crystal specimens of n- and p-germanium were studied with resistivities of 7.1 and 01 [sic] $\Omega \cdot \text{cm}$ respectively. "Especially pure" grade hydrogen peroxide and "chemically pure" grade inorganic acids were used. The organic acids were recrystallized twice. The rate of dissolution was determined from weight loss in the specimen. All experiments were thermostatically controlled in pyrex vessels. An LP-58 pH-meter was used for pH measurements. It was found that the rate of dissolution depends both on the peroxide concentration and on the nature

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ACCESSION NR: AP5020456

and concentration of the acids. It is assumed that there are two limiting processes: a) oxidation of germanium surface atoms at a rate proportional to the peroxide concentration and to the free surface of the germanium, and b) dissolution of the resultant oxidation products. The rate of the latter process depends on the acid concentration and on the quantity of oxidation products on the surface. Organic acids in small concentrations increase the dissolution rate due to the formation of complexes. In large concentrations, organic acids compete with peroxide for adsorption on the germanium surface. This reduces the rate of dissolution in highly concentrated organic acids and increases the rate of dissolution when the peroxide concentration is increased. Orig. art. has: 7 figures, 2 tables.

ASSOCIATION: none

SUBMITTED: 06Oct64

ENCL: 00

SUB CODE: GC, SS

NO REF SOV: 004

OTHER: 006

Card

2/2

ACCESSION NR: AT4028331

S/0000/63/000/000/0063/0067

AUTHOR: Katayev, G. A.; Rozanova, L. N.

TITLE: Kinetics of the reciprocal reaction of hydrogen peroxide with germanium

SOURCE: Soveshchaniye po khimii perekisnykh soyedineniy. Second, Moscow, 1961. Khimiya perekisnykh soyedineniy (chemistry of peroxide compounds); Doklady* soveshchaniy. Moscow, Izd-vo AN SSSR, 1963, 63-67

TOPIC TAGS: hydrogen peroxide, germanium, reciprocal reaction, alkali solution, caustic soda, n-type germanium

ABSTRACT: The authors study the kinetics of germanium solubility in alkali solutions of hydrogen peroxide as well as the dissociation of hydrogen peroxide under the same conditions. A mixture of solutions of hydrogen peroxide and caustic soda were maintained in a thermostat for a predetermined period of time, then a plate of monocrystalline n-type germanium was introduced. The concentration of the remaining hydrogen peroxide was determined by means of the permanganate method before introduction of the sample and after the conclusion of the experiment. During germanium resolution, samples of the solution were selected for determining the amount of germanium entering into the solution. The germanium was determined

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ACCESSION NR: AT4028331

polarographically. The authors did not discover any effect of germanium on the dissociation process of hydrogen peroxide. The mechanism of the reaction between germanium and hydrogen peroxide differs depending on the presence or absence of an alkali. H_2O_2 molecules represent the active particles in the absence of an alkali. The expressed correlation between the speed of the hydrogen peroxide dissociation and the speed of the germanium reaction with hydrogen peroxide is clearly evident in the presence of an alkali. Orig. art. has: 4 figures.

ASSOCIATION: Tomskiy gosudarstvennyy universitet im. V.V. Kuybyshcheva (Tomsk State University)

SUBMITTED: 13Dec63

DATE ACQ: 06Apr64

ENCL: 00

SUB CODE: CH

NO REF SOV: 002

OTHER: 000

Card 2/2

ROZANOVA, L.N.; KATAYEV, G.A.

Kinetics of the reaction of germanium dioxide with phosphoric acid, Zhur. neorg. khim. 8 no.11:2490-2492 N '63.
(MIRA 17:1)

1. Tomskiy gosudarstvennyy universitet imeni V.V. Kuybysheva, kafedra analiticheskoy khimii.

ACCESSION NR: AR4015648

S/0081/63/000/021/0020/0020

SOURCE: RZh. Khimiya, Abs. 218104

AUTHOR: Katayev, G. A.; Grigor'yeva, A. G.; Rozanova, L. N.

TITLE: The problem of growing monocrystalline flakes of gallium arsenide

CITED SOURCE: Tr. Tomskogo un-ta, v. 154, 1962, 193-194

TOPIC TAGS: gallium arsenide, monocrystalline gallium arsenide, single crystal growth, crystal growth temperature dependence, crystal growth technique

ABSTRACT: The study considers the effects of temperature conditions and of the introduction of gallium arsenide into the system Ga-As on the size of crystals obtained under such conditions. Near the melting point, this system was examined by analogy with emulsions, which become increasingly dispersed the higher the temperature. The degree of dispersion drops when the temperature is lowered. The following conditions must be observed in order to grow large monocrystals: 1) the aggregates in the system must already be sufficiently large during the pre-crystallization stage, since during this period the viscosity of the system increases sharply and the aggregation rate drops sharply; 2) crystallization must proceed at a slow rate, since otherwise impurities will not be repelled and will be captured.

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·ACCESSION NR: AR4015648

tured by the crystal lattice. The authors describe the temperature conditions necessary to obtain single crystal flakes about 2 cm long and 1 cm wide. The surface of a flake represents a plane (111). Excess gallium was initially removed mechanically, and then the flakes were processed in hydrochloric acid until the Ga was fully eliminated. The possibility of growing larger flakes by the simultaneous introduction of arsenide rods into the Ga-As system was studied. Tests were carried out in open quartz tubes, a quartz bucket holding the test specimen being placed at the bottom of the test tube. Ye. Kory*tny*y

DATE ACQ: 09Dec63

SUB CODE: CH

ENCL: 00

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ACCESSION NR: AR4015634

S/0081/63/000/022/0081/0081

SOURCE: RZh. Khimiya, Abs. 22B507

AUTHOR: Katayev, G. A.; Rozanova, L. N.

TITLE: Behavior of germanium in alkaline solutions of hydrogen peroxide

CITED SOURCE: Tr. Tomskogo un-ta, v. 154, 1962, 122-127

TOPIC TAGS: germanium, germanium dissolution, hydrogen peroxide solvent, alkaline hydrogen peroxide solvent, germanium oxidation

TRANSLATION: The rate of solution of Ge in solutions of H_2O_2 (4.96% by weight) containing NaOH (1-10%) is constant with time, the same for n- and p- type Ge, and depends on the concentration (C) of NaOH, reaching its maximum at $C = 4.5\%$. The energy of activation of the reaction is 17.5 kilocalories per mole for $C < 4.5\%$ and 13.8 kilocalories per mole for $C > 4.5\%$, independent of the type of conductivity of Ge. The equilibrium potential becomes negative with increasing C. The rate of solution calculated from polarization curves equals 10^{-4} a/cm^2 , which is 1-2 orders of magnitude smaller than the actual rate of solution of Ge; the

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ACCESSION NR: AR4015634

latter value does not change during polarization of the electrode. It was concluded that the solution of Ge in alkaline H_2O_2 proceeds according to a chemical mechanism. Yu. Pleskov

DATE ACQ: 07Jan64

SUB CODE: CH

ENCL: 00

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ACCESSION NR: AR4015651

S/0081/63/000/021/0044/0044

SOURCE: RZh. Khimiya, Abs. 210281

AUTHOR: Katayev, G. A.; Rozanova, L. N.

TITLE: The problem of the chemical activity of germanium

CITED SOURCE: Tr. Tomskogo un-ta, v. 154, 1962, 119-121

TOPIC TAGS: germanium, germanium activity, germanium semiconductor, electron semiconductor, electron vacancy semiconductor, semiconductor activity

ABSTRACT: The study concerned the reaction kinetics of the n- and p-types of monocrystalline Ge with Cl in the presence of CCl₄ at temperatures of 70-98°C. It was found that the activation energy and the rate at which Ge reacts with Cl under these conditions were the same for electron or electron vacancy semiconductors. This indicates that the presence or absence of vacancies in a semiconductor under these conditions cannot determine its chemical activity. Authors' summary.

DATE ACQ: 09Dec63

SUB CODE: CH

ENCL: 00

Card 1/1

GALKIN, D.Ye.; ROZANOVA, L.N.; PINAYEVA, N.B.; ALEKSANDROVA, L.V.

Quick and simple electrometric method of determining the
sulfate salinization of soils. Pochvovedenie no.2:97-100
F '60. (MIRA 15:7)

1. Tomskiy gosudarstvennyy universitet.
(Saline and alkali soils)
(Soils—Analysis)

MEYERSON, F.Z., MANUKHIN, B.N., PSHENNIKOVA, M.O., ROZANOVA, I.S.

"On the intermediate metabolism of the myocardium in compensatory hyperfunction and hypertrophy of the heart."

Report submitted, but not presented at the 22nd International
Congress of Physiological Sciences.
Leiden, the Netherlands 10-17 Sep 1962

MARSHAK, M. Ye., prof., otv. red.; MEYERSON, F. S., zam. otv. red.; ARONOVA, G. N., red.; KRYZHANOVSKIY, G. N., red.; ROZANOVA, L. S., red.; GOLUBYKH, L. I., red.; BUKOVSKAYA, N. A., tekh. red.

[Physiology and pathology of the heart] Fiziologiya i patologiya serdtsa; sbornik, posviashchennyi shestidesiatiletiu deistvitel'nogo chlena AMN SSSR professora V. V. Parina. Moskva, 1963. 310 p. (MIRA 16:9)

1. Akademiya meditsinskikh nauk SSSR, Moscow. 2. Chlen-korrespondent AMN SSSR (for Marshak). (HEART)

BABSKIY, Ye.B.; ROZANOVA, L.S.; UL'YANINSKIY, L.S.

The phenomenon of rhythm accomodation during electrical stimulation of the heart. Fiziol. zhur. 46 no.10:1195-1202 0 '60. (MIRA 13:11)

1. Laboratoriya klinicheskoy fiziologii Instituta normal'noy i patologicheskoy fiziologii AMN SSSR, laboratoriya biofiziki Vsesoyuznogo instituta meditsinskogo instrumentariya i oborudovaniya, fiziologicheskaya gruppa chlena-korrespondenta AMN SSSR A.I. Smirnova, Moskva.

(HEART)

(ELECTROPHYSIOLOGY)

ROZANOVA, L.S.

Some biological properties of blood in experimental renal hypertension and during its treatment by chronic administration of iron. Nauch.dokl.vys.shkoly;biol.nauki no.3:93-97 '58.
(MIRA 11:12)

1. Predstavlena kafedroy fiziologii zhivotnykh Moskovskogo gosudarstvennogo universiteta imeni M.V.Lomonosova.
(HYPERTENSION) (IRON--PHYSIOLOGICAL EFFECT)
(BLOOD--ANALYSIS AND CHEMISTRY)

11F

ROZANOVA, L. S.

TOXICOLOGY OF SOME CHLORINATED AROMATIC HYDROCARBONS.
L. S. Rozanova, *Farmakol. i Toksikol.* 6, No. 6, 48-53 (1943).—Preliminary tests with rats by subcutaneous injection (7.5 mg./kg.) and by vapor inhalation (II) and their effect on (chlorobiphenyl, I), trichlorobenzene (III) and their mixts. (Soytol I, III) gave like results. The respiratory method was then used for acute and chronic poisoning tests. Repeated exposure to concns. of 0.2-0.3 mg./l. produced pathol. changes; I caused atrophy of the liver and II poisoned the vascular and nervous systems. Both I and II cause leucocytosis followed by leucopenia; the effects of III are in general similar to those of II. Occupational hygiene for exposed workers must include such prophylactic measures as medical selection (rejecting diseased liver, blood or kidneys); sealing of production and handling equipment; thorough ventilation where vapor exposure cannot be eliminated, and individual protective measures as required. Julian F. Smith

PROCESSES AND PROPERTIES INDEX

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921ST AND 922ND ORDERS

923RD AND 924TH ORDERS

925TH AND 926TH ORDERS

927TH AND 928TH ORDERS

929TH AND 930TH ORDERS

931ST AND 932ND ORDERS

933RD AND 934TH ORDERS

935TH AND 936TH ORDERS

937TH AND 938TH ORDERS

939TH AND 940TH ORDERS

941ST AND 942ND ORDERS

943RD AND 944TH ORDERS

945TH AND 946TH ORDERS

947TH AND 948TH ORDERS

949TH AND 950TH ORDERS

951ST AND 952ND ORDERS

953RD AND 954TH ORDERS

955TH AND 956TH ORDERS

957TH AND 958TH ORDERS

959TH AND 960TH ORDERS

961ST AND 962ND ORDERS

963RD AND 964TH ORDERS

965TH AND 966TH ORDERS

967TH AND 968TH ORDERS

969TH AND 970TH ORDERS

971ST AND 972ND ORDERS

973RD AND 974TH ORDERS

975TH AND 976TH ORDERS

977TH AND 978TH ORDERS

979TH AND 980TH ORDERS

981ST AND 982ND ORDERS

983RD AND 984TH ORDERS

985TH AND 986TH ORDERS

987TH AND 988TH ORDERS

989TH AND 990TH ORDERS

991ST AND 992ND ORDERS

993RD AND 994TH ORDERS

995TH AND 996TH ORDERS

997TH AND 998TH ORDERS

999TH AND 1000TH ORDERS

ROZANOVA, L.S.

Changes in cardiac reactivity to parasympathetic and sympathetic influences in compensatory hyperfunction of the heart in chronic experiments. Trudy Inst.norm.i pat.fiziol. AMN SSSR 7:77-78 '64. (MIRA 18:6)

1. Laboratoriya fiziologii i patofiziologii miokarda (zav. - doktor med. nauk F.Z.Meyerson) Instituta normal'noy i patologicheskoy fiziologii AMN SSSR.

ROZANOVA, L.S.

Changes in the reactivity of the heart to sympathetic and parasympathetic effects in its compensatory hyperfunction during a chronic experiment. Pat. fiziol. i eksp. terap. 9 no.5:49-53 (MIRA 19:1) S-O '65.

1. laboratoriya fiziologii i patologii miokarda (zav. - prof. F.Z. Meyerson) Instituta normal'noy i patologicheskoy fiziologii AMN SSSR, Moskva. Submitted March 27, 1964.

ROZANOVA, L.S.; VORONUK, N.B.

Influence of the level of cardiac contractile function on the realization of the sympathetic effect. Biul. eksp. biol. i med. 60 no. 10:29-32 0 1965 (MIRA 19:1)

1. Laboratoriya fiziologii i patofiziologii miokarda (zav. - doktor med. nauk F.N. Meyerson) Instituta normal'noy i patologicheskoy fiziologii (direktor - deystvitel'nyy chlen AMN SSSR V.V. Parin) AMN SSSR, Moskva. Submitted April 22, 1964.

MEYERSON, F.I.; ROZANOVA, L.S.

Effect of changes in mediator metabolism on the development of
heart hypertrophy. Biul. eksp. biol. i med. 57 no.3:34-37 Mr
:64.
(MIRA 17:11)

1. Institut normal'noy i patologicheskoy fiziologii (dir. - deyst-
vitel'nyy chlen AMN SSSR prof. V.V. Parin) AMN SSSR, Moskva.

MAYERSON, F.Z. (Moskva); MANUKHIN, B.N. (Moskva); PSHENICHNIKOVA, M.G. (Moskva); ROZANOVA, L.S. (Moskva)

Mediator metabolism of the myocardium in compensatory hyperfunction and hypertrophy of the heart. Pat. fiziol. i eksp. terap 7 no.1:32-36 Ja-F'63. (MIRA 16:10)

1. Iz laboratorii fiziologii i patologicheskoy fiziologii serdtsa Instituta normal'noy i patologicheskoy fiziologii (dir. - deystvitel'nyy chlen AMN SSSR prof. V.V. Parin) AMN SSSR.

(ADRENALINE) (HEART—HYPERTROPHY AND DILATATION)
(CHOLINE)

ROZANOVA, L.S.

Sulphydryl content of the blood serum in experimental renal hypertension and during the hypotensive effect of prolonged iron administration. Biul.eksp.biol. i med. 48 no.7:31-34 J1 '59. (MIRA 12:10)

1. Iz kafedry fiziologii zhivotnykh (zav. - chlen-korrespondent AN SSSR prof.Kh.S.Koshtoyants) Moskovskogo gosudarstvennogo universiteta imeni M.V.Lomonosova. Predstavlena deystvitel'nykh chlenom AMN SSSR S.Ye.Severinykh.

(SULFHYDRYL COMPOUNDS - blood)

(HYPERTENSION - experimental)

(IRON - pharmacology)

ROZANOVA, L.S.

Course of experimental renal hypertension; role of ferritin.
Nauch.dokl.vys.shkoly; biol.nauki no.1:104-108 '58 (MIRA 11:8)

1. Predstavlena kafedroy fiziologii zhivotnykh Moskovskogo
gosudarstvennogo universiteta im. M.V. Lomonosova.
(FERRITIN)
(HYPERTENSION)
(KIDNEYS--DISEASES)

ROZANOVA, L. S.

USSR/Medicine - Morphology

Card 1/1 Pub. 22 - 52/54

Authors : Demin, N. N.; Nistratova, S. N.; and Rozanova, L. S.

Title : Effect of acetyl choline and stimulation of an erratic nerve on the content of free groups in tissues

Periodical : Dok. AN SSSR 100/3, 597-600, Jan 21, 1955

Abstract : Experiments were made with frogs to determine the effect of acetyl choline and erratic nerve stimulation on the content of free sulphydryl groups in the animal tissues. The results obtained are described. Eleven references: 10 USSR and 1 French (1943-1945). Table.

Institution : Academy of Sciences USSR, The A. N. Severtsov Institute of Animal Morphology

Presented by: Academician L. A. Orbeli, November 5, 1954

PSHENNIKOVA, M. G.; ROZANOVA, L. S.

Significance of the form of the impulse as one of the parameters
of AN electrical stimulus. Nov. med. tekhn. no.2:38-46 '61.
(MIRA 14:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut meditsinskikh
instrumentov i oborudovaniya.

(ELECTROPHYSIOLOGY)

MEYERSON, Z.; CHERNYSHOVA, G.V.; ROZANOVA, L.S.

Dynamics of the fractionated constituents of proteins of the myocardium and its adenosine triphosphatase activity in compensatory cardiac hyperfunction. Vest. AMN SSSR 16 no.5:32-37 '61.

1. Institut normal'noy i patologicheskoy fiziologii AMN SSSR.
(HEART—MUSCLE) (PROTEIN METABOLISM)
(ADENOSINETRIPHOSPHORIC ACID)

CA 110

PROCEEDS AND SUBSIDIARIES

Variations of ascorbic acid in genus *Rosa*. M. Rozanova. *Bull. soc. naturalistes Moscou, Sect. biol.* 2: 102-113 (1946).--Ascorbic acid content in genus *Rosa* is variable between the species and also within the species. There is no correlation between this and the chromosome count, contrary to Darlington (C. 1. 37, 1741), nor is there a correlation between ascorbic acid content and morphological symptoms. With the 2,6-dichlorophenol-indophenol method, ascorbic acid was detd. in a no. of species and genus sections: *R. cymosa* DC 27-200 (variation limits on dry wt.) mg. %; *R. pomifolia* (55-3800), *R. canina* Crép. 220-0074, *R. cinnamomea* DC 1400-19,000; these detns. were made on the fruit of the plants. A definite geographic distribution was established, however; species of the northern sections have higher ascorbic acid levels than those from the south. G. M. K.

ASIA 51.4 METALLOGICAL LITERATURE CLASSIFICATION

110-104178

110-111 dat CNV 181

ROLANOVA, M. A.

Mbr., All-Union Inst., Vitamin Research -1945-46-.

Mbr., Sect. Small Fruits, All-Union Inst. Plant Ind., Leningrad, -1939-45-. "Evolution of Cultivated Raspberries," Dok. AN, 24, No. 2, 1939; "On Genotypic Differences between Races of *Rubus Caesius* L.," *ibid.*, 27, No. 6, 1940; "Autosynthesis in the Genus *Rubus* *ibid.*, 29, No. 2, 1940; "The Course of Accumulation of Ascorbic Acid in the Leaves of Different Species of Wild Rose," *ibid.*, 49, No. 5, 1945; "Daily Variation in the Accumulation of Ascorbic Acid by Leaves and Fruits of Active and Inactive Species of Wild Roses," *ibid.*, 53, Nos. 6-7, 1946; "Apomixis and Heterogamety in the Subfamily Rosoideae, Family Rosaceae," *ibid.*, 59, No. 5, 1948.

ROSANOVA, M. A.

"The ways of variation and origin of races and species in plants" (p. 203) by
Rosanova, M. A.

SO: Advances in Modern Biology (Uspekhi Sovremennoi Biologii) Vol. XII, No. 2, 1940

ROSANOVA, M. A.

M. A. Rosanova: "Problems of intraspecies systematics." (p. 265)

SO: Journal of General Biology Vol. 7, No. 4, 1944

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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PROCESSES AND PROPERTIES INDEX																																																																																																			
CA										11D Course of accumulation of ascorbic acid in the leaves of different species of wild rose. M. A. Rozanova and V. A. Vadova (All-Union Inst. for Vitamin Research, Moscow). <i>Compt. rend. acad. sci. U.R.S.S.</i> 49, 359-63(1945)(in English).—The fruit of 13 species of wild rose and their leaves gathered at 3 or 4 phenological stages were analyzed for ascorbic acid (I). There was no correlation in the I content of leaves and fruit. The range in variation in I of the dry wt. With one exception the max. occurred in the leaves at the time of appearance of young green fruits. The accumulation in the leaves was similar in different species except that in highly active species, i.e., those high in I, accumulation was more rapid at the early stage of fruit ripening and a more intense reduction occurred at the stage of ripe fruit. During overripening of fruit a reduction in amt. of I was recorded in both fruit and leaves of all species. J. T. Sullivan																																																																																									
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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z AA AB AC AD AE AF AG AH AI AJ AK AL AM AN AO AP AQ AR AS AT AU AV AW AX AY AZ BA BB BC BD BE BF BG BH BI BJ BK BL BM BN BO BP BQ BR BS BT BU BV BW BX BY BZ CA CB CC CD CE CF CG CH CI CJ CK CL CM CN CO CP CQ CR CS CT CU CV CW CX CY CZ DA DB DC DE DF DG DH DI DJ DK DL DM DN DO DP DQ DR DS DT DU DV DW DX DY DZ EA EB EC ED EE EF EG EH EI EJ EK EL EM EN EO EP EQ ER ES ET EU EV EW EX EY EZ FA FB FC FD FE FF FG FH FI FJ FK FL FM FN FO FP FQ FR FS FT FU FV FW FX FY FZ GA GB GC GD GE GF GG GH GI GJ GK GL GM GN GO GP GQ GR GS GT GU GV GW GX GY GZ HA HB HC HD HE HF HG HH HI HJ HK HL HM HN HO HP HQ HR HS HT HU HV HW HX HY HZ IA IB IC ID IE IF IG IH II IJ IK IL IM IN IO IP IQ IR IS IT IU IV IW IX IY IZ JA JB JC JD JE JF JG JH JI JJ JK JL JM JN JO JP JQ JR JS JT JU JV JW JX JY JZ KA KB KC KD KE KF KG KH KI KJ KL KM KN KO KP KQ KR KS KT KU KV KW KX KY KZ LA LB LC LD LE LF LG LH LI LJ LK LM LN LO LP LQ LR LS LT LU LV LW LX LY LZ MA MB MC MD ME MF MG MH MI MJ MK ML MN MO MP MQ MR MS MT MU MV MW MX MY MZ NA NB NC ND NE NF NG NH NI NJ NK NL NO NP NQ NR NS NT NU NV NW NX NY NZ OA OB OC OD OE OF OG OH OI OJ OK OL OM ON OO OP OQ OR OS OT OU OV OW OX OY OZ PA PB PC PD PE PF PG PH PI PJ PK PL PM PN PO PP PQ PR PS PT PU PV PW PX PY PZ QA QB QC QD QE QF QG QH QI QJ QK QL QM QN QO QP QQ QR QS QT QU QV QW QX QY QZ RA RB RC RD RE RF RG RH RI RJ RK RL RM RN RO RP RQ RR RS RT RU RV RW RX RY RZ SA SB SC SD SE SF SG SH SI SJ SK SL SM SN SO SP SQ SR SS ST SU SV SW SX SY SZ TA TB TC TD TE TF TG TH TI TJ TK TL TM TN TO TP TQ TR TS TT TU TV TW TX TY TZ UA UB UC UD UE UF UG UH UI UJ UK UL UM UN UO UP UQ UR US UT UU UV UW UX UY UZ VA VB VC VD VE VF VG VH VI VJ VK VL VM VN VO VP VQ VR VS VT VU VW VX VY VZ WA WB WC WD WE WF WG WH WI WJ WK WL WM WN WO WP WQ WR WS WT WU WV WW WX WY WZ XA XB XC XD XE XF XG XH XI XJ XK XL XM XN XO XP XQ XR XS XT XU XV XW XX XY XZ YA YB YC YD YE YF YG YH YI YJ YK YL YM YN YO YP YQ YR YS YT YU YV YW YX YY YZ ZA ZB ZC ZD ZE ZF ZG ZH ZI ZJ ZK ZL ZM ZN ZO ZP ZQ ZR ZS ZT ZU ZV ZW ZX ZY ZZ									
CA 15A Influence of climatic and soil conditions on ascorbic acid content of plants. M. A. Rozanova. <i>Vitamin Research News</i> (U.S.S.R.) 1946, No. 1, 100-101. — Review with numerous references. G. M. Kozolapoff									
ASB-51A METACRYPTOLOGICAL LITERATURE CLASSIFICATION ASB-51A-100 ASB-51A-100									

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Daily variation in the accumulation of ascorbic acid by leaves and fruits of active and inactive species of wild roses. M. A. Rozanova. *Compt. rend. acad. sci. U.R.S.S.* 53, 533-6(1948)(in English); cf. C.A. 40, 68817; Zepkova, C.A. 40, 61241. Ascorbic acid (I) content was detd. 4 times daily on the leaves and 3 times daily on the flowers of 4 species at several periods of development. The amt. of I in the leaves is at a min. during the day. Active and inactive species differ in that the leaves of the former show a higher content of I as the flowers mature. J. P. Danchy

All-Union Vitamin Research Inst.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

62-273.737.1

CA

110

Seasonal variation in the accumulation of ascorbic acid in leaves and fruits of active and inactive species of wild roses. M. A. Rozanova. *Compt. rend. acad. sci. U.R.S.S.* 53, 633-5(1916) (in English); cf. *C.A.* 41, 2774g. During the summer of 1945 ascorbic acid (I) deins. in leaves and fruits of *Rosa cinnamomea* L. and *R. pomifera* Herrm. (active species) and of *R. spinosissima* L. and *R. multiflora* Thunb. (inactive species) were made at the stages of complete foliation, flower-buds, flowering, ending of flowering and setting of young fruits, ripening weakly colored fruits, ripening colored fruits, ripe fruits, overripe fruits, defoliation. In the leaves the max. content of I is attained during the ripening stage (1000-1200 mg. % depending on species) after which it drops (400-800 mg. % at defoliation). In the flowers the difference in content of I between active and inactive species is much greater than in the leaves; for the active species the max. content of I (6000-8000 mg. %) is attained in the ripening stage but is maintained through the stage of full ripeness; for the inactive species the max. (500-2000 mg. %) is not attained until the stage of full ripeness. A further difference between active and inactive species is that in the former the increase in I proceeds simultaneously in the leaves and fruits, while in the latter the leaves attain their max. I content earlier than the fruits. J. P. Danchy

AS4-SLA METALLURGICAL LITERATURE CLASSIFICATION

ROSANOVA, M. A.

"The species as an ecological problem." (p. 69) by M. A. Rosanova.

SO: Advances in Modern Biology (Uspekhi Sovremennoi Biologii) Vol. LXIII, No. 1, 1947

ROSANOVA, M. A.

"On a peculiar type of inheritance among species of the Caninae of the genus Rosa." (p. 459)
by M. A. Rosanova

SJ: Advances in Modern Biology (Uspekhi Sovremennoi Biologii) Vol. XXIII, No. 3, 1947
(May-June)

ROZANOVA, M. K.

Botanical Gardens

University botanical gardens

Biul. Glav. bot. sada No. 9, 1951

Monthly List of Russian Accessions, Library of Congress, June 1952, UNCLASSIFIED.

~~ROZANOVA~~
ROZANOVA, M. A.

Effect of climatic and soil conditions on content of ascorbic acid in dog rose. M. A. Rozanova. *Trudy Vsesoyuz. Nauch. Issledovatel. Vtamin. Inst.* 5, 96-100(1954).—Mineral fertilizers and N tend to raise the ascorbic acid content of the dog rose; the effect of manure fertilizer is not clear.

Med 1

The northern plants have much higher yields of the vitamin than do the southern specimens. G. M. Kosolapoff

Central Biolog. Station

ROZANOVA, M.A.; DULO, V.Yu.; SMETNIK, A.I.

Disinfecting fruit against American fall webworm. Zashch.
rast. ot vred. 1 bol. 9 no.8:43-44 '64. (MIRA 17:12)

1. Starshiy toksikolog Tsentral'noy karantinnoy laboratorii
(for Rozanova). 2. Direktor Zakarpatskoy karantinnoy
laboratorii (for Smetnik).

ROZANOVA, M.D.; KUZ'MINA, V.S.; YEREMICHEVA, T.I.

Ultrasonics in compound treatment of destructive pulmonary tuberculosis. Probl. tub. 41 no.9:39-44 '63 (MIRA 17:4)

1. Iz podrostkovogo otdeleniya (rukovoditel'-doktor med. nauk M.D. Rozanova) i otdeleniya funktsional'noy diagnostiki i fizicheskikh metodov lecheniya (rukovoditel' - kand. med. nauk S.R. Lachinyan) Moskovskogo nauchno-issledovatel'skogo instituta tuberkuleza (dir. - kand. med. nauk T.P. Mochalova, zamestitel' direktora po nauchnoy chasti - prof. D.D. Aseyev) Ministerstva zdravookhraneniya RSFSR.

ROZANOVA, M.D., doktor med.nauk; VARSAVA, B.A., starshiy nauchnyy
sotrudnik, kand.med.nauk

Interprovincial conference held in Orel for the exchange of
advanced experience in organizing antituberculosis measures for
the rural population. Zdrav.Ros.Feder. 6 no.12:32-34 D '62.
(MIRA 16:1)

(TUBERCULOSIS--PREVENTION)

ROZANOVA, M.D., kand.med.nauk.

~~1958-59~~ Clinical importance of examination of gastric washings in extra-pulmonary tuberculosis. Sov.med. 22 no.4:106-111 Ap '58 (MIRA 11:7)

1. Iz Nauchno-issledovatel'skogo instituta tuberkuleza Ministerstva zdoravookhraneniya RSFSR (dir. V.F. Chernyshov, zamestitel' direktora po nauchnoy chasti - prof. D.D. Aseyev).

(TUBERCULOSIS, diag.

exam. eff gastric washings (Rus))

ROZANOVA, M.D.. kand.med.nauk

Detection of Mycobacterium tuberculosis in gastric layage in tuberculosis without a clearly localized process in adults [with summary in French]. Probl.tub. 36 no.3:28-32 '58 (MIRA 11:5)

1. Iz Gosudarstvennogo nauchno-issledovatel'skogo instituta tuberkuleza Ministerstva zdravookhraneniya RSFSR (dir. - V.F. Chernyushov, zam. dir. po nauchnoy chasti - prof. D.D. Aseyev).
(TUBERCULOSIS, microbiol.
microbat. in gastric washings in dis. without definite
localized process (Rus))

ROZANOVA, M. D., doktor med. nauk; AGRACHEV, G. I., kand. med. nauk;
VYSOKOVA, T. M., kand. med. nauk; KIDANOVA, Z. S.; MIRONOV, F. F.

Effect of exercise therapy on the functional state of adolescents
with pulmonary tuberculosis. Probl. tub. 40 no.5:56-63 '62.
(MIRA 15:7)

1. Iz Moskovskogo nauchno-issledovatel'skogo instituta tuberku-
leza Ministerstva zdravookhraneniya RSFSR (dir. - kandidat medi-
tsinskikh nauk V. F. Chernyshev, zam. dir. po nauchnoy chasti -
prof. D. D. Aseyev).

(TUBERCULOSIS) (EXERCISE THERAPY)

ROZANOVA, M. D.

ROZANOVA, M. D.

Origin of tubercle bacilli detected in gastric lavage. Probl.
tuberk., Moskva No. 3, May-June 50. p. 6-8

1. Of the Department of Tuberculosis, First Moscow Order of Lenin
Medical Institute (Head Of Department--Honored Worker in Science--
Prof. G. R. Rubinshteyn) and of the Moscow Oblast Scientific-Research
Tuberculosis Institute (Director--Prof. F. V. Shebanov).

CIAL 19, 5, Nov., 1950

ASEYEV, D.D., professor; BERLIN, I.I., professor; VOZNESENSKIY, A.N., professor; SOROKIN, I.E., professor; UGRYUMOV, B.P., professor; TOPCHAN, A.B., professor; AGAPKIN, I.N., kandidat meditsinskikh nauk; AGRACHEV, G.I., kandidat meditsinskikh nauk; AL'TSHULER, N.S., kandidat meditsinskikh nauk; BERENZON, Ya.Ye., kandidat meditsinskikh nauk; ZORIN, Ye.N., kandidat meditsinskikh nauk; KOROVINA, Yu.P., kandidat meditsinskikh nauk; KOSITSKIY, G.I., kandidat meditsinskikh nauk; MANDKL'SHTAM, F.M., kandidat meditsinskikh nauk; MOGHALOVA, T.P., kandidat meditsinskikh nauk; OBLOGINA, Ye.Ye., kandidat meditsinskikh nauk; PATSKHVEROVA, A.G., kandidat meditsinskikh nauk; FOKOTILOV, K.Ye., kandidat meditsinskikh nauk; ROZANOVA, M.D., kandidat meditsinskikh nauk; SAKHAROV, A.N., kandidat meditsinskikh nauk; YASHCHENKO, T.N., kandidat meditsinskikh nauk

"Tuberculosis"; handbook for physicians edited by Z.A.Lebedeva and N.A.Shmelev. Reviewed by D.D.Azeev and others. Probl.tub. 34 no.2: 76-80 Mr-Ap '56. (MLR 9:8)

(TUBERCULOSIS) (LEBEDEVA, Z.A.) (SHMELEV, N.A.)

ROZANOVA, M.D., Doc Med Sci--(diss) "On the ^{secretion}~~operation~~ of tuberculous mycobacteria into the ^{peritoneal}~~abdominal~~ cavity." Mos, 1958. 12 pp
(First Mos Order of Lenin Med Inst in I.M. Sechenov), 200 copies
(KL45-58,151)

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ROZANOV, M.D.

22066 Rozanova, M.D. Ispolneniye penitsillinom gnoynykh pneumoplevritov. V. sb: Penitsillinoterapiya M., 1949, s. 65-75

SC: Ietopis' Zhurnal'nykh Statay, No. 26, Moskva, 1949.

ROZANOVA, M.D.

"Clinical and Epidemiological Significance of the Absence of Tubercle Bacilli in the Lungs," Prob. Tuber., No. 3, 1948. Mbr., Moscow Oblast Sci. Res. Tuberculosis Inst. -cl948-.

ROZANOVA, M. D.

ROZANOVA, M. D. -- "On the Secretion of Tubercular Mycobacteria in the Stomach Cavity." First Moscow Order of Lenin Medical Institute I. M. Sechenov, Moscow, 1956. (Dissertations for the Degree of Doctor of Medical Sciences.)

KNIZHNAYA LETOPIS
No. 41, October 1956

BELOUSOV, V.V., KIRILLOVA, N.A., ROZANOVA, N.A. and GORYACHEV, A.V.

"Basic problems of the mechanics of Folding", Bulletin of the Moscow Society of Investigators of Nature, Dept of Geology, (Byulleten' MOIP, otd. geolog.), Vol.22, (3), 1947.

ROZANOVA, N.A.

Relationship between dikes in melanocratic rocks and gold ores in the TSentral'noye deposit (Kuznetsk Ala-Tau). Geol. rud. mestorozh. no.2:94-100 Mr-Apr '59. (MIRA 12:9)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii AN SSSR.

(Kuznetsk Ala-Tau--Dikes (Geology))

(Kuznetsk Ala-Tau--Gold ores)

ROZANOVA, Natal'ya Aleksseyevna

[Congenital pyloric stenosis in infants and its surgical treatment] Vrozhdennyi pilorostenoz u grudnykh detei i ego operativnoe lechenie. Moskva, Medgiz, 1960. 130 p.
(MIRA 13:12)

(PYLORIC STENOSIS)

VLADIMIROV, L.V.; SHUL'GINA, M.N.; VASILEVSKAYA, L.S.; ROZANOVA, N.A.;
PLETYUSHKIN, A.A.; ZHUKOVA, L.K.; BABINA, M.D.

Exchange of experience. Zav.lab. 28 no.5:548-549 '62.

(MIRA 15:6)

1. Nauchnyy institut po udobreniyam i insektofungisidam (for
Vladimirov, Shul'gina). 2. Gosudarstvennyy nauchno-issledovatel'skiy
i proyektnyy institut redkometallicheskey promyshlennosti (for
Vasilevskaya, Rozanova). 3. Institut metallurgii imeni A. A.
Bakova (for Pletyushkin, Zhukova). 4. Institut gigiyeny i
profzabolevaniy AMN SSSR (for Babina).
(Metals--Analysis) (Water--Purification)